

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/009972

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl.<sup>7</sup> G01R33/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl.<sup>7</sup> G01R33/02-10

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004  
Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
<u>Y</u> A	JP 2003-167037 A (Tama Denki Kogyo Kabushiki Kaisha), 13 June, 2003 (13.06.03), Par. Nos. [0017] to [0021]; Figs. 3, 5 (Family: none)	<u>1, 9, 15</u> 2-8, 10-14
<u>Y</u> A	JP 2001-318131 A (Minebea Co., Ltd.), 16 November, 2001 (16.11.01), Par. Nos. [0026], [0043]; Figs. 1, 8 (Family: none)	<u>1, 9, 15, 16, 18</u> 2-8, 10-14, 17

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

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"Z" document member of the same patent family

Date of the actual completion of the international search  
30 August, 2004 (30.08.04)

Date of mailing of the international search report  
14 September, 2004 (14.09.04)

Name and mailing address of the ISA/  
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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT.

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
<u>Y</u>	JP 2-111085 A (Aichi Tokei Denki Kabushiki Kaisha), 24 April, 1990 (24.04.90), Page 2, upper right column, lines 13 to 17; Fig. 1 (Family: none)	<u>16, 18</u>
A	JP 2000-081471 A (Aichi Steel Works Ltd.), 21 March, 2000 (21.03.00), Par. Nos. [0037] to [0038]; Figs. 11 to 12 (Family: none)	2-8, 17
A	JP 8-029509 A (Shimadzu Corp.), 02 February, 1996 (02.02.96), Full text; all drawings (Family: none)	2-8, 17